

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1. (Currently amended) A catalyst for purifying exhaust gases, comprising a catalyst component containing copper oxide, a mixture of ZSM-5 zeolite and zeolite β , and an oxide of at least one element selected from the group consisting of magnesium and calcium, wherein a mass ratio of ZSM-5 zeolite to zeolite β is in the range of 1:1 to 10:1.
2. (Currently amended) A catalyst according to claim 1, wherein an amount of the oxide of at least one element selected from the group consisting of magnesium and calcium is in the range of 0.1 - 1 part by weight based on 1 part by weight of the copper oxide.
3. (Previously presented) A catalyst according to claim 1, wherein an amount of the copper oxide is in the range of 3 - 14 g, and an amount of the zeolite member is in the range of 50 - 300 g, based on 1 liter of a refractory three dimensional structure.
4. (Previously presented) A process for purifying an exhaust gas, which comprises exposing an exhaust gas purifying catalyst set forth in claim 1 to the exhaust gas, wherein a molar ratio of hydrocarbon to nitrogen oxides is 1 - 20:1.
5. (Previously presented) A process according to claim 4, wherein the exhaust gas is from a diesel engine .
6. (Previously presented) A catalyst according to claim 2, wherein an amount of the copper oxide is in the range of 3 - 14 g, and an amount of the zeolite

member is in the range of 50 - 300 g, based on 1 liter of a refractory three dimensional structure.

7. (Previously presented) A process for purifying an exhaust gas, which comprises exposing an exhaust gas purifying catalyst set forth in claim 2 to the exhaust gas, wherein a molar ratio of hydrocarbon to nitrogen oxides is 1 - 20:1.

8. (Previously presented) A process for purifying an exhaust gas, which comprises exposing an exhaust gas purifying catalyst set forth in claim 3 to the exhaust gas, wherein a molar ratio of hydrocarbon to nitrogen oxides is 1 - 20:1.

9. (Previously presented) A process for purifying an exhaust gas, which comprises exposing an exhaust gas purifying catalyst set forth in claim 6 to the exhaust gas, wherein a molar ratio of hydrocarbon to nitrogen oxides is 1 - 20:1.

10. (Previously presented) A process according to claim 1, wherein the exhaust gas is from a diesel engine.

11. (Previously presented) A process according to claim 2, wherein the exhaust gas is from a diesel engine.

12. (Previously presented) A process according to claim 3, wherein the exhaust gas is from a diesel engine.

13. (Previously presented) A process according to claim 6, wherein the exhaust gas is from a diesel engine.

14. (Previously presented) A process according to claim 7, wherein the exhaust gas is from a diesel engine.

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15. (Previously presented) A process according to claim 8, wherein the exhaust gas is from a diesel engine.

16. (Previously presented) A process according to claim 9, wherein the exhaust gas is from a diesel engine.